

**YISHUN SECONDARY SCHOOL**  
**ADDITIONAL MATHEMATICS**  
**SECONDARY 3 G2 2026**

<b>Mathematics Curriculum</b>		<b>Key Programmes</b>
In line with the requirements of the A Mathematics Syllabus, the teaching of A Math at YSS focuses on developing thinking, reasoning and problem-solving skills using Math Modelling, making conjectures, investigations and making connections among mathematical concepts.		
<b>Term 1</b>	<b>Chapter</b>	<b>Assessment</b>
Week 0 - 1 (1 Jan, Thu-New Year day)	Back to School Programme (2 Jan to 6 Jan)	
Week 1 - 2	1.1 Quadratic functions of the form $y = a(x - p)(x - q)$	
Week 2	1.2 Quadratic functions of the form $y = a(x - h) + k$	
Week 3	1.3 Conditions for quadratic curve to lie complete above or below x-axis 1.4 Quadratic functions in real-world contexts	
Week 4	2.1 Solving quadratic equations by completing the square 2.2 Solving quadratic equations using Quadratic Formula	
Week 5	2.3 Solving linear and non-linear simultaneous equations	
Week 6	2.4 Solving quadratic inequalities	
Week 7 (16 Feb, Mon – School Celebration, 17 Feb, Tue – 18 Feb, Wed CNY)	3.1 Surds	
Week 8 (27 Feb, Fri – HBL Sec 3 Oral)	3.2 Simplifying expressions involving surds Revision for WA1	
Week 9 (6 Mar, Fri – HBL Sec 3 Oral)	3.3 Solving equations involving surds	<b>WA1</b>
Week 10	4.1 Polynomials	
<b>March Holiday</b>		
<b>Term 2</b>	<b>Chapter</b>	<b>Assessment</b>
Week 1 (23 Mar, Mon – Hari Raya Puasa School Hol)	4.2 Remainder and Factor Theorem	
Week 2 (Good Friday) (ITE ApLM)	ApLM	
Week 3	4.3 Cubic expressions, equations and identities	

Week 4 (HBL – Fri Sec 4 Oral)	4.4 Partial Fractions	
Week 5 (HBL – Fri Sec 4 Oral)	7.1 Mid-point of Line Segment 7.2 Parallel and perpendicular lines	
Week 6 (1 May Fri - Labour Day)	7.3 Equation of straight line	
Week 7 (SLF)	<b>Student Learning Festival</b>	
Week 8	<b>Revision for WA2</b>	<b>WA2</b>
Week 9 (22 May - Cross Country)	7.4 Areas of Rectilinear figures 7.5 Equations of Circles	
Week 10 (27 May Wed - Hari Raya Haji)	7.5 Equations of Circles	
<b>June Holiday Assignment (SLS Trigo Ratio)</b>		
<b>Term 3</b>	<b>Chapter</b>	<b>Assessment</b>
Week 1	9.1 Trigonometric Ratios of acute angles and special angles	
Week 2 (6 Jul Mon – Youth Day)	9.2 Trigonometric Ratios of general angles	
Week 3 (National Oral Exam: Tue – Thu) HBL 14 - 16 Jul	<b>HBL due to National Oral Examination (14 to 16 July)</b> 9.3 Trigonometric functions and graphs	
Week 4	9.3 Trigonometric functions and graphs	
Week 5	10.1 Trigonometric equations 10.2 Trigonometric Identities	
Week 6 (7 Aug, Fri – National Day School Celebration)	10.2 Trigonometric Identities	
Week 7 (10 Aug, Mon – National Day School Holiday)	10.3 Addition Formulae	
Week 8	10.4 Double Angle Formulae  Revision for WA3	
Week 9	10.5 Proving of Identities	<b>WA3</b>
Week 10 (3 Sep Thu - Teachers' Day celeb)	10.6 R-formula	

(4 Sep Fri - Teachers' Day Celebration)		
<b>September Holiday</b>		
<b>Term 4</b>	<b>Chapter</b>	<b>Assessment</b>
Week 1	Revision	
Week 2	Revision	
Week 3 – 4	End-of-Year Examination	
Week 5	Script Checking and Review of Exam Paper	
Week 6	Post-Exam Programmes	